**IMPROVEMENTS OF COCONUTRARTE WEBSITE**

September 8, 2023

**GENERAL**

* use always COCONUTRATE in its logo format (although below description shows COCONUTRATE in its simple format)
* fade-in as mentioned below should be implemented either in hover popup or expand/collapse manner (whichever is suitable for this website)
* insert a sentence at the bottom of each page (immediately after the e-mail address) in white letters as follows:

a product of **LJN Bio-Products Ltd**.

Toronto – Canada

**HOME PAGE**

General Comments:

* Benefits and Applications shall be combined as proposed here below
* use existing colors, fonts and icons
* use following revised (combined) illustrated sequence:

**BENEFITS AND APPLICATIONS OF COCONUTRATE**

**COCONUTRATE** offers potential health benefits based on various published studies undertaken with phloem exudate from coconut trees.

**COCONUTRATE** is a versatile substance that would be a beneficial ingredient in a variety of products.

**MEDICINE**

by clicking the Medicine or Icon the below text shall fade-in

**ICON**

**COCONUTRATE** contains:

**carbohydrates**

*the body’s primary source of energy and the brain’s preferred energy source*

**proteins and amino acids**

*i.e. the building blocks of the human body; they contribute to a lot of physiological processes such as recovery, muscle hypertrophy, fat loss, and strength gains*

**potassium, magnesium, sodium, calcium, phosphate and chloride**

*the main electrolytic minerals* *for the good functioning of the heart and for basic life functioning, such as maintaining electrical neutrality in cells, generating and conducting action potentials in the nerves and muscles*

**inulin**

*a natural prebiotic fiber that helps in improving digestion and metabolism to ensure the ideal required level of absorption of glucose reducing the possibility of blood sugar spikes and crashes, which keeps the gut happy*

**antioxidants**

*compounds that provide cells protection against free radicals, hence protection against many scourges of aging, and which may play a positive role in heart disease, cancer and other diseases*

**B vitamins**

*essential vitamins playing a vital role in maintaining good health and well-being*

**vitamin C, iron and zinc**

*essential vitamin and minerals that boost the immune system*

**COCONUTRATE** can be used as an ingredient in Medicine and as a Nutrient or Dietary Supplement.

(place here a link to Nutritional Properties)

**SPORTS**

by clicking the Sports or Icon the below text shall fade-in

**ICON**

**COCONUTRATE** contains most of the **essential macro- and micro-nutrients** in a natural well combined variety manner that provides a significant ergogenic effect for improving or boosting both endurance and anaerobic exercise performance.

**COCONUTRATE** can be used as an ingredient in Sport Drinks and Energy Gels.

by clicking the Food or Icon the below text shall fade-in

**FOOD**

**ICON**

**COCONUTRATE** contains mainly sucrose, a [disaccharide](https://en.wikipedia.org/wiki/Disaccharide), i.e. a [sugar](https://en.wikipedia.org/wiki/Sugar) composed of [glucose](https://en.wikipedia.org/wiki/Glucose) and [fructose](https://en.wikipedia.org/wiki/Fructose) subunits.

**COCONUTRATE** can be used as a friendly sweetener for Syrups, Bubble/Boba Drinks, Coffee Drinks and Baking.

**SKINCARE COSMETICS**

by clicking the Skincare Cosmetics or Icon the below text shall fade-in

**ICON**

**COCONUTRATE** contains glycolic acid and alpha–hydroxy acid that helps regulate the natural oils so that the skin is not dry or too oily; it magnificently provides the skin with a healthy glow.

The potential benefits of the application of **COCONUTRATE** on the skin:

*Exfoliation*

as a natural exfoliant, it can help remove dead skin cells and encourage cell turnover

*Moisturizing*

the natural glycolic acid can help hydrate and moisturize the skin

*Damage Protection*

the antioxidants help to protect the skin from free radical damage; it can help with both the overall appearance of the skin and the prevention of premature aging

*Anti-inflammatory*

the antibacterial properties of zinc and the anti-inflammatory properties help to reduce skin redness, irritation and inflammation

**ABOUT US PAGE**

General Comments:

* use HD photos
* revise the text as follows:

**COCONUTRATE**is a product of **LJN Bio-Products Ltd**.

**LJN Bio-Products Ltd.** is a company registered in Toronto - Canada, which is owned by the Machate Family.

**COCONUTRATE** is a unique 100% organic certified single-ingredient sweet nutritious liquid substance made directly and exclusively from the phloem exudate originating from selected coconut trees that are specifically grown on the nutrient-rich soils of the volcanic coastal areas of the island of Java, Indonesia.

Commercial operations of **COCONUTRATE** for its introduction to global market started in 2021.

The production is undertaken with new modern facilities based on joint operations and license agreements between the Machate Family and two Indonesian companies in Central Java – Indonesia experienced in the harvesting, production and exporting of products made of coconut sap.

The present facilities can reach a production volume of 100 tons per month of **COCONUTRATE**. Expansions of 100 tons per year are in planning.

Supplies of **COCONUTRATE** as a food product in the form of syrup to several countries are continuously ongoing.

An agreement with a US company has been signed in July 2023 for the use of **COCONUTRATE** as an ingredient of a new energy gel that is planned to be launched on the market in the first quarter of 2024.

All intellectual property rights related to **COCONUTRATE** have been assigned from the Machate Family to **LJN Bio-Products Ltd.** in September 2023, for the purpose of the continuation of the existing agreements and the implementation of additional license agreements under a legally strong structure for the production volume expansion, and for marketing **COCONUTRATE** worldwide.

**OUR STORY PAGE**

General Comments:

* change OUR STORY to: OUR INNOVATION (and all the links accordingly)

**OUR METHOD PAGE**

General Comments:

* use visual illustration for each step group as shown below
* by clickling each step icon as shown below the relevant text of each respective step (or step group) shall fade-in
* try to find and use suitable or equivalent (non-copyright) step group icons from the internet
* there seems to be a problem when viewing the text section “A COMPLETE SYSTEM FOR COCONUTRATE”, this section does not appear on the laptop (computer) when using the browser Firefox
* correct COMPETE to COMPLETE
* revise “The Machate Family developed also novel methods, procedures, training …..” to: “The revolutionary method comprises also novel procedures, training ……”.
* delete the last 5 (five) paragraphs (from “Commercial operations for Coconutrate ……” up to “….. production volume expansion, and for marketing Coconutrate worldwide.”); these paragraphs are moved to the About Us page)

Step 4

Group Name:

Delivery of Exudate to LPU

Step 5 and 6

Group Name:

Exudate Sieving, Quality Control and Recording

Step 10

Group Name:

Receipt, Quality Control and Recording at CPU

(move left QC Icon to here)

Step 7

Group Name:

Exudate Evaporation

Step 1 – 3

Group Name:

Preparation and Patented Exudate Collection

Step 14

Group Name:

Labeling, Final Quality Control and Recording

Step 11 - 13

Group Name:

Final Evaporation, Filtering and Packaging

Step 9

Group Name:

Transport of Evaporated Exudate to CPU

Step 8

Group Name:

Filtration of Evaporated Exudate

A diagram of a process of manufacturing

Description automatically generated with medium confidence